

# MACIEJ KOS

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## PROFILE

Results-oriented data scientist with a strong background in modeling user behavior.

Demonstrated academic and international business experience in contributing to product development by providing actionable insight about customer and patient behavior. Relied on to lead data analysis and user experience teams in critical, time-sensitive projects.

## EDUCATION

**Northeastern University**, Boston, MA 05/2020 (expected)  
Ph.D. in Personal Health Informatics (GPA: 4.0)

**University of Michigan**, Ann Arbor, MI 12/2012  
Master of Arts in Information Science  
(incentives-centered design and behavioral research focus)

**Barcelona Graduate School of Economics**, Barcelona, Spain 06/2009  
Master of Science in Economics of Science and Innovation

**University of Gdansk**, Sopot, Poland 06/2005  
Bachelor and Master of Arts in Economics and E-business

## RELEVANT EXPERIENCE

**Clinical Analytics Research Intern (Cognition)** at Philips 05/2018 – 09/2018  
Research, Cambridge, MA

**Research Assistant** at College of Computer and Information Science,  
Northeastern University, Boston, MA 09/2015 – present

**Investigator / Research Group Manager**, Research Grant: Genetic  
health risk information avoidance, Sopot, Poland & Boston, MA 07/2013 – present

**User Experience and research consultant** at Agile Axons (self-  
employed), Gdynia, Poland and Rome, Italy 01/2013 – 08/2015

**Graduate Research Assistant** at the School of Information,  
University of Michigan, Ann Arbor, MI 08/2009 – 01/2012

## SKILLS

**Software:** R ●●●●●, Python ●●●●●, Stata ●●●●●, d3.js/ Tableau ●●●●●, SQL ●●●●●, Office ●●●●●

**Statistics:** Multilevel univariate and multivariate regression models, structural equation modeling, psychometric modeling

**Machine Learning:** Dimensionality reduction, clustering, support vector machines, ridge regression, logistic classification, random forests, regression trees

**Other:** Data visualization, social network analysis, UX research and design

**Languages:** English and Polish; Spanish

## SELECTED PROJECTS

- Child Aid - analyzed data from a large-scale experimental intervention to increase literacy of Guatemalan children
- Digital Breeze - UX lead for consumer-facing mobile application for a large Italian telco (with Ericsson, McKinsey, and Monk Software)
- WearTech - developed a cutting-edge algorithm for improving the accuracy of heart rate variability estimates from wearable devices

## SELECTED AWARDS

- ACM/Intel Corporation Computational and Data Sciences Fellowship, 2017 – 2020
- Google Online Marketing Challenge Professor - mentored two teams including the top Polish team (both of mentored teams ranked 70-89% worldwide)